

To: Alcamo, Thomas[alcamo.thomas@epa.gov]
From: Petroff, Douglas
Sent: Fri 7/22/2016 3:39:28 PM
Subject: FW: USS Lead Weekly Updates - 7/1 through 7/22/2016

Tom,

I'm assuming that someone else has already forwarded this to you, but in case they haven't, below is SulTRAC's (Rik Lantz) weekly USS Lead project update. In reading the latest update (for the week ending 7/22), it sounds as though there may be an info request from Weaver Consultants (identified as the City of East Chicago's consultant) that is still outstanding from late June.

Doug

From: Rik Lantz [mailto:rlantz@scst.com]
Sent: Friday, July 22, 2016 9:21 AM
To: 'Berkoff, Michael'; Sathya.V.Yalvigi@chemours.com; Sebastian.P.Harrison@chemours.com; Petroff, Douglas; 'Greco, Chris'; Allison.crane1@bp.com
Cc: de las Fuentes, Sandra; Alex Kuszmaul; JD Campbell; John Kirschbaum; 'Gould, Mindy'; Pope, Janet; Arthur Lichorobiec; Christopher Lichorobiec; Vaccarello, Cheryl; jim.wescott@tetrattech.com; Patrick Bradley; Andy Suminski; Jessie Compeau; Tanner Hess; Carlos Menor Salazar; Megan Seth; Jacki Shepherd; Sarah Survis; Joey Vidmar; Nate Cook; Palachek, Randy M; Matt Bizjack
Subject: USS Lead Weekly Updates - 7/1 through 7/22/2016

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All: Due to vacations and other logistical issues, I have not submitted weekly updates for the past three weeks. I am now back on schedule and will resume preparing weekly updates every Friday as I have in the past.

The attached updates provide a summary of what occurred on the project during the past three weeks. Many of the submittals described in the attached weekly summaries were posted to an ftp site, to provide EPA data on short turn-around. Due to accelerated timeframes, much of the material described below did not go through SulTRAC's 3-tier QC process and all of these data should be considered draft. When we receive a request from EPA, we will be glad to finalize any of the deliverables submitted.

During this past week, there has been a change of leadership at EPA, and SulTRAC has not yet been formally notified of new personnel involved with the project. We stand ready to assist EPA during this transition, and will be glad to provide status updates, satisfy any new data requests, and provide whatever other assistance may be needed to provide continuity during this transition. Here's what has transpired over the past three weeks:

USS Lead Weekly Update – 7/1/2016

1. Data analytics: SulTRAC provided a draft table showing the lead concentrations by source (Corrected XRF, EPA Lab, Parsons Lab) for each yard in Zone 1.
2. Flyers about lead exposure [no change]: SulTRAC updated the flyers about the health effects of lead exposure and how to prevent exposure to contaminated soils with input from ATSRD, and is waiting until EPA meets with the City of East Chicago for their review comments on the flyers before distributing throughout the neighborhood.
3. Sampling results letters [no change]: SulTRAC prepared draft sampling results letters for all of Zone 1 and is awaiting EPA approval of final wording before finalizing the letters. The letters contain tables showing the action numbers and block diagrams showing the proposed remedial action.
4. Designs for Zone 3 [on hold]: We have all of the analytical data and data validation data from EPA and Chemours for 337 Zone 3 properties sampled in 2015, so we are beginning to prepare designs for those properties that require remediation.
5. Documents:
 - Data Evaluation Report: Technical review identified a few details that require correction, SulTRAC is working on addressing these details.
6. Fortnightly call: The next semi-monthly call is scheduled for Monday, July 18th at 2:00 Central. If you have a particular issue you would like to discuss, please forward it to me. [Note: This call was cancelled due to scheduling conflicts at EPA.]

USS Lead Weekly Update – 7/8/2016

1. Flyers about lead exposure: SulTRAC and EPA distributed flyers on Tuesday, July 5th, to

residents in Zone 1 to remind them of things they can do to avoid lead exposure and about the health effects of lead exposure. Sometime during the past three weeks, EPA's ERSS contractor spread mulch over bare soil patches in Zone 1 and posted signage notifying residents of lead contamination and recommending that children avoid playing in these areas. I am unsure of the dates when this occurred.

2. Sampling results letters: EPA had some suggestions for the final wording of the sampling results letters, so SulTRAC made the changes and finalized the letters. The letters contain tables showing the action numbers (highest lab results, if available, or corrected XRF data) and block diagrams showing the proposed remedial action. The first batch of about 100 letters were signed and sent to residents on July 8 along with information warning residents to keep children from playing in exposed dirt, and how to limit their exposure to lead.

3. Designs for Zone 3 [no change]: We have all of the analytical data and data validation data from EPA and Chemours for 337 Zone 3 properties sampled in 2015. Analytical data from the 63 properties sampled this spring is still coming in from the ESAT data validation group. Of some 13 SDGs, we currently have analytical data validation reports for 10 of 13 SDGs of samples collected this spring. The last samples were sent to the laboratory at the beginning of May.

4. Documents:

- Data Evaluation Report: SulTRAC is addressing technical review comments.

5. Fortnightly call: The next semi-monthly call is scheduled for Monday, July 18th at 2:00 Central. If you have a particular issue you would like to discuss, please forward it to me. [Note: This call was cancelled due to scheduling conflicts at EPA.]

USS Lead Weekly Update – 7/15/2016

1. Data analytics: SulTRAC provided the following draft analytical data to EPA:

- Draft redacted table of Action Numbers for Zone 1 – addresses were removed from previous table
- Draft table showing the dates all Zone 1 data was received by SulTRAC and the EPA for each yard and property
- List of the 13 properties in Zone 1 with lead concentrations over 5,000 ppm in shallow soils.

2. Sampling results letters: Remaining letters for 315 individual housing units in Zone 1 were

finalized, printed, and mailed to all residents on July 11 and 12. Individual addresses for each resident were identified from the county assessor's website. Sets of electronic and paper copies of all the signed letters were also sent to the City Attorney for the City of East Chicago, and to Bryan Cave LLP in Chicago IL and Harris Law Firm in Crown Point, IN.

3. Designs for Zone 3 [no change]: We have all of the analytical data and data validation data from EPA and Chemours for 337 Zone 3 properties sampled in 2015. Analytical data from the 63 properties sampled this spring is still coming in from the ESAT data validation group. The last samples were sent to the laboratory at the beginning of May.

4. Documents:

- Final Design: 13 properties with lead concentrations over 5,000 ppm were prioritized for immediate remediation. The final design document for these 13 properties is being prepared.
- Data Evaluation Report: Addressing final QC comments, we expect to forward a report to EPA shortly.
- Soil Remediation PowerPoint: SulTRAC prepared a PowerPoint presentation about the soil remediation process for the EPA to present to the city of East Chicago. The presentation was submitted to the EPA for review, and initial comments were addressed by SulTRAC. Subsequent requests for additional photographs and videos of current work at the Jacobsville site will be addressed as work at Jacobsville progresses.

5. Fortnightly call: The next semi-monthly call is scheduled for Monday, July 18th at 2:00 Central. If you have a particular issue you would like to discuss, please forward it to me.

USS Lead Weekly Update – 7/22/2016

1. Data analytics: SulTRAC provided the following analytical data to EPA:

- Draft charts and tables for each zone showing the number and percentage of yards with lead concentrations greater than 400 mg/kg, greater than 1,200 mg/kg, and greater than 5,000 mg/kg, and average concentration of properties requiring cleanup for each six-inch depth interval in each zone.

2. Flyers about lead exposure: SulTRAC and EPA distributed additional flyers on Wednesday, July 20th, to residents who had the highest lead concentrations in their yard. Signs were also placed in yards warning residents and people passing by to not let children play in the newly placed mulch and any exposed dirt.

3. SulTRAC and EPA received an e-mail query from Weaver Consultants (City of EC's consultant) on 7/20 inquiring about the status of several requests for information that they made at the end of June. SulTRAC has not responded to this e-mail query.

4. Designs for Zone 3 [no change]: We have all of the analytical data and data validation data from EPA and Chemours for 337 Zone 3 properties sampled in 2015. Analytical data from the 63 properties sampled this spring is still coming in from the ESAT data validation group. Of some 13 SDGs, we currently have analytical data validation reports for 10 of the 13 groups of samples collected this spring, and are still awaiting data from the remaining three. SulTRAC has not received any analytical data from Chemours for the sampling conducted this spring.

5. Documents:

- Final Design: SulTRAC submitted a Draft Final Design document on July 18 for thirteen high priority properties with lead concentrations over 5,000 ppm in shallow soils.
- Data Evaluation Report: SulTRAC is addressing QC review comments, we expect to forward a report to EPA shortly.

6. Fortnightly call: Monday's fortnightly call was cancelled due to scheduling conflicts at EPA. The next semi-monthly call is scheduled for Monday, August 1st at 2:00 Central. If you have a particular issue you would like to discuss, please forward it to me.

Rik Lantz, P.G., LEED-AP

Director of Environmental Services

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